

Quantum and Kinetic Problems: Modeling, Analysis, Numerics and Applications

Tutorial 3 on Emergent Phenomena – from Kinetic Models to Social Hydrodynamics
(2–3 December & 9–13 December 2019)

Name & Affiliation	Talk Title
José Antonio Carrillo Imperial College London, UK	Cell-cell adhesion micro-and macroscopic models via aggregation-diffusion systems (Video1) (Video2)
Lorenzo Pareschi University of Ferrara, Italy	Uncertainty quantification for kinetic equations and related problems (Video1) (Video2)
Eitan Tadmor University of Maryland, USA	Collective dynamics, kinetics and social hydrodynamics: the emergence of patterns (Video1) (Video2)